

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: November 7, 2006, 10:34:15 ; Search time 4 Seconds
(without alignments)
2.912 Million cell updates/sec

Title: US-10-764-316-6-COPY

Perfect score: 2743

Sequence: 1 gcgggcccgtatccattgt.....aaaaaaaaaaaaaaaa 2743

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 105 seqs, 2123 residues

Total number of hits satisfying chosen parameters: 210

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 105 summaries

Database : pubnewdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
1	35	1.3	40	Sequence 1, Appl1
2	35	1.3	40	Sequence 19, Appl1
3	35	1.3	40	Sequence 22, Appl1
4	34	1.2	40	Sequence 2, Appl1
5	33	1.2	33	Sequence 24, Appl1
6	31	1.1	33	Sequence 39, Appl1
7	27	1.0	27	Sequence 3, Appl1
8	27	1.0	27	Sequence 911, Appl1
9	24	0.9	24	Sequence 433, Appl1
10	24	0.9	24	Sequence 961, Appl1
11	24	0.9	24	Sequence 962, Appl1
12	24	0.9	24	Sequence 963, Appl1
13	24	0.9	24	Sequence 964, Appl1
14	23.2	0.8	25	Sequence 6, Appl1
15	22	0.8	22	Sequence 49, Appl1
16	22	0.8	22	Sequence 5, Appl1
17	21.8	0.8	25	Sequence 2, Appl1
18	21.2	0.8	25	Sequence 912, Appl1
19	21	0.8	21	Sequence 913, Appl1
20	21	0.8	24	Sequence 4, Appl1
21	21	0.8	24	Sequence 488, Appl1
22	20.2	0.7	22	Sequence 11, Appl1
23	20.2	0.7	22	Sequence 11, Appl1
24	20	0.7	20	Sequence 11, Appl1
25	20	0.7	20	Sequence 11, Appl1
26	20	0.7	20	Sequence 11, Appl1
27	20	0.7	20	Sequence 11, Appl1
28	20	0.7	20	Sequence 11, Appl1
29	20	0.7	20	Sequence 11, Appl1
30	20	0.7	20	Sequence 11, Appl1
31	20	0.7	20	Sequence 11, Appl1
32	20	0.7	20	Sequence 11, Appl1
33	20	0.7	20	Sequence 11, Appl1

34	20	0.7	20	US-11-301-360-556	Sequence 556, App
35	20	0.7	20	US-11-301-360-560	Sequence 560, App
36	19.2	0.7	24	US-11-301-360-60	Sequence 60, Appl
37	19	0.7	19	US-11-298-850-53	Sequence 53, Appl
38	19	0.7	19	US-11-298-850-54	Sequence 54, Appl
39	19	0.7	19	US-11-224-573-153	Sequence 153, Appl
40	19	0.7	19	US-11-217-936-3874	Sequence 3874, Ap
41	19	0.7	19	US-11-217-936-3970	Sequence 3970, Ap
42	19	0.7	19	US-11-217-936-4807	Sequence 4807, Ap
43	19	0.7	19	US-11-217-936-4804	Sequence 4804, Ap
44	19	0.7	19	US-11-043-442-219	Sequence 219, App
45	18.8	0.7	22	US-11-301-360-61	Sequence 61, Appl
46	18.2	0.7	19	US-11-241-596-259	Sequence 259, App
47	18.2	0.7	19	US-11-269-3474-29	Sequence 29, Appl
48	18	0.7	18	US-10-514-349-8	Sequence 8, Appli
49	18	0.7	18	US-11-181-693-7	Sequence 7, Appli
50	18	0.7	18	US-11-211-917-144	Sequence 144, App
51	18	0.7	18	US-11-301-360-913	Sequence 913, App
52	18	0.7	18	US-11-301-360-939	Sequence 939, App
53	18	0.7	18	US-11-102-097-111	Sequence 111, App
54	18	0.7	19	US-10-881-580-117	Sequence 117, App
55	18	0.7	19	US-10-881-580-245	Sequence 245, App
56	17.4	0.6	19	US-11-217-936-452	Sequence 452, App
57	17.4	0.6	19	US-11-217-936-562	Sequence 562, App
58	17.4	0.6	20	US-10-691-012-4	Sequence 4, Appli
59	17	0.6	17	US-10-514-349-7	Sequence 7, Appli
60	17	0.6	17	US-11-255-139A-6897	Sequence 6897, Ap
61	17	0.6	20	US-11-241-990A-1	Sequence 1, Appl1
62	16.8	0.6	20	US-10-525-116-831	Sequence 831, App
63	16.8	0.6	20	US-11-366-965-4512	Sequence 4512, App
64	16.8	0.6	21	US-11-376-033-401	Sequence 401, App
65	16.4	0.6	19	US-10-424-339-163	Sequence 163, App
66	16.4	0.6	19	US-10-424-339-326	Sequence 326, App
67	16.4	0.6	19	US-11-360-505-747	Sequence 747, App
68	16	0.6	16	US-10-514-349-6	Sequence 6, Appl1
69	16	0.6	17	US-11-255-139A-6896	Sequence 6896, Ap
70	16	0.6	17	US-11-255-139A-6896	Sequence 6896, Ap
71	15.8	0.6	19	US-11-217-936-4538	Sequence 4538, Ap
72	15.8	0.6	19	US-11-217-936-4538	Sequence 4538, Ap
73	15.4	0.6	17	US-11-255-139A-521	Sequence 521, App
74	15.4	0.6	17	US-11-255-139A-522	Sequence 522, App
75	15.4	0.6	18	US-11-370-584-4910	Sequence 4910, App
76	15.4	0.6	19	US-10-881-580-121	Sequence 121, App
77	15.4	0.6	19	US-10-881-580-249	Sequence 249, App
78	15.4	0.6	19	US-11-360-305-746	Sequence 746, App
79	15.4	0.6	19	US-11-102-097-2518	Sequence 2518, Ap
80	15	0.5	15	US-10-514-349-5	Sequence 5, Appl1
81	15	0.5	15	US-10-250-492-13	Sequence 13, Appl
82	15	0.5	15	US-10-691-012-17	Sequence 17, Appl
83	15	0.5	15	US-10-691-012-18	Sequence 18, Appl
84	15	0.5	15	US-11-242-139-239	Sequence 239, App
85	15	0.5	16	US-11-327-199-2	Sequence 2, Appl1
86	15	0.5	17	US-11-255-139A-523	Sequence 523, App
87	15	0.5	17	US-11-255-139A-524	Sequence 524, App
88	14.8	0.5	18	US-10-469-938A-12	Sequence 12, Appl
89	14.8	0.5	18	US-11-370-584-1031	Sequence 1031, A
90	14.4	0.5	17	US-11-255-139A-520	Sequence 520, App
91	14	0.5	14	US-10-514-349-4	Sequence 4, Appl1
92	14	0.5	14	US-10-763-088-11	Sequence 11, Appl
93	14	0.5	17	US-11-255-139A-525	Sequence 525, App
94	14	0.5	17	US-11-255-139A-525	Sequence 525, App
95	14	0.5	17	US-11-255-139A-525	Sequence 525, App
96	13.8	0.5	17	US-11-378-356-26	Sequence 26, Appl
97	13.8	0.5	17	US-11-378-356-26	Sequence 26, Appl
98	13.8	0.5	17	US-11-255-139A-487	Sequence 487, App
99	13.8	0.5	17	US-11-255-139A-517	Sequence 517, App
100	13.8	0.5	17	US-11-255-139A-518	Sequence 518, App
101	13.8	0.5	17	US-11-255-139A-519	Sequence 519, App
102	13.8	0.5	17	US-11-255-139A-519	Sequence 519, App
103	13.4	0.5	17	US-11-355-139A-7019	Sequence 7019, Ap
104	13.4	0.5	15	US-11-368-233-3	Sequence 3, Appl1
105	13.4	0.5	16	US-11-301-360-1083	Sequence 1083, Appl
				US-11-327-199-3	Sequence 3, Appl1

Published - Appliofphone - NA, News

ALIGNMENTS

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RESULT 1
US-10-518-559-1/c
; Sequence 1, Application US/10518559
; Publication No. US20060147913A1
; GENERAL INFORMATION:
; APPLICANT: Canon Kabushiki Kaisha
; TITLE OF INVENTION: Method of Analyzing Substance on Substrate by Mass Spectrometry
; FILE REFERENCE: CPO173550
; CURRENT APPLICATION NUMBER: US/10/518,559
; PRIOR FILING DATE: 2004-12-21
; PRIOR APPLICATION NUMBER: JP 2002-191535
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version@3D1
; SEQ ID NO 1
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-10-518-559-1

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db      40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 2
US-11-254-920-19
; Sequence 19, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: REP 2029 oligomer
; NAME/KEY: misc structure
; LOCATION: (1)...(40)
; OTHER INFORMATION: Phosphorothioate linkages
US-11-254-920-19

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db      1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35
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RESULT 3
US-11-254-920-22/c
; Sequence 22, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: REP 2030 oligomer
; NAME/KEY: misc structure
; LOCATION: (1)...(40)
; OTHER INFORMATION: Phosphorothioate linkages
US-11-254-920-22

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db      40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 4
US-11-241-990A-2/c
; Sequence 2, Application US/11241990A
; Publication No. US20060177840A1
; GENERAL INFORMATION:
; APPLICANT: University of Ottawa
; APPLICANT: Northwestern University
; TITLE OF INVENTION: METHODS FOR SEPARATION OF POLYMERIC COMPOUNDS
; FILE REFERENCE: 58127-A
; CURRENT APPLICATION NUMBER: US/11/241,990A
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 60/615,600
; PRIOR FILING DATE: 2004-10-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: T40-dithiol, produced by chemical synthesis
; NAME/KEY: misc feature
; LOCATION: (20)...(20)
; OTHER INFORMATION: n = internal fluorescein-dt base
; NAME/KEY: misc feature
; LOCATION: (40)...(40)
; OTHER INFORMATION: n = t with 3'-thiol linker with 3-carbon spacer
US-11-241-990A-2
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Query Match 1.2%; Score 34; DB 1; Length 40;
Best Local Similarity 97.1%; Pred. No. 3;
Matches 34; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
DB 39 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 5
US-11-402-998-24/C
Sequence 24, Application US/11402998
Publication No. US20060177820A1

GENERAL INFORMATION:
APPLICANT: TAKEDA, NAOKAZU
APPLICANT: NATORI, KATSURO
APPLICANT: MIYAMURA, TATSUO
APPLICANT: KAMATA, KUNIO
APPLICANT: SATO, TOSHINORI
TITLE OF INVENTION: Detection kit for SRSV
FILE REFERENCE: 217039USOXPCT
CURRENT APPLICATION NUMBER: US/11/402,998
CURRENT FILING DATE: 2006-04-13
PRIOR APPLICATION NUMBER: US/09/926,799
PRIOR FILING DATE: 2001-12-20
PRIOR APPLICATION NUMBER: JP 11175928
PRIOR FILING DATE: 1999-06-22
PRIOR FILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 33
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-11-402-998-24

Query Match 1.2%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 2.9;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741
DB 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 6
US-10-825-757-39

Sequence 39, Application US/10825757
Publication No. US20060134609A1
GENERAL INFORMATION:
APPLICANT: Gen-Probe Incorporated
APPLICANT: Linmen, Jeffrey M.
APPLICANT: Kacian, Daniel L.
APPLICANT: Gelman, Norman K.
APPLICANT: Vijayari, Sangeetha
TITLE OF INVENTION: Compositions and Methods for Determining the Presence of SARS
FILE REFERENCE: GP146-04 UT
CURRENT APPLICATION NUMBER: US/10/825,757
CURRENT FILING DATE: 2004-04-16
PRIOR APPLICATION NUMBER: 60/464,049
PRIOR FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: 60/465,428
PRIOR FILING DATE: 2003-04-25
PRIOR APPLICATION NUMBER: 60/469,294
PRIOR FILING DATE: 2003-05-09
NUMBER OF SEQ ID NOS: 49
SOFTWARE: PatentIn version 3.2

SEQ ID NO 39
LENGTH: 33
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Homopolymer tail with flexible linker for use with a capture
US-10-825-757-39

Query Match 1.1%; Score 31; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
DB 3 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 33

RESULT 7
US-11-350-304-3/C

Sequence 3, Application US/11350304
Publication No. US20060211018A1
GENERAL INFORMATION:
APPLICANT: SCHROEDER, BENJAMIN G.
APPLICANT: MATYSIAK, STEFAN M.
TITLE OF INVENTION: NUCLEOZYMES AND METHODS OF USE
FILE REFERENCE: 375461-006US
CURRENT APPLICATION NUMBER: US/11/350,304
CURRENT FILING DATE: 2006-02-08
PRIOR APPLICATION NUMBER: 60/651,158
PRIOR FILING DATE: 2005-02-08
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 3.3
SEQ ID NO 3
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
NAME/KEY: modified base
LOCATION: (4)..(27)
OTHER INFORMATION: This region may encompass 20 to 24 bases
US-11-350-304-3

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 8
US-11-301-360-911/C

Sequence 911, Application US/11301360
Publication No. US20060154890A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
TREATMENT OF ASTHMA AND ALLERGY
FILE REFERENCE: C1037.70013US02
CURRENT APPLICATION NUMBER: US/11/301,360
CURRENT FILING DATE: 2005-12-09
PRIOR APPLICATION NUMBER: US 09/776,479
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093

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SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-911
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Query Match          1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.4;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db      27  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

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RESULT 9
US-11-368-334-2/c
; Sequence 2, Application US/11368334
; Publication No. US20060188913A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Vollmer, Jörg
; APPLICANT: Bauer, Stefan
; APPLICANT: Jurek, Marion
; TITLE OF INVENTION: METHODS AND PRODUCTS FOR ENHANCING IMMUNE RESPONSES USING
; FILE REFERENCE: C01039.70065.US
; CURRENT APPLICATION NUMBER: US/11/368,334
; PRIOR FILING DATE: 2006-03-03
; PRIOR APPLICATION NUMBER: US/10/272,502
; PRIOR FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/3329,208
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-11-368-334-2
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```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
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```
RESULT 10
US-11-301-360-433/c
; Sequence 433, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
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; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-433
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```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
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RESULT 11
US-11-301-360-961/c
; Sequence 961, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-961
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Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
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```
RESULT 12
US-11-301-360-962
; Sequence 962, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
```

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; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-962
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```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db      1 AAAAAAAAAAAAAAAAAAAAAA 24
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RESULT 13
US-11-331-589-7/c
; Sequence 7, Application US/11331589
; Publication No. US20060166245A1
; GENERAL INFORMATION:
; APPLICANT: Potter, S. Steven
; APPLICANT: Liang, Hung-Chi
; APPLICANT: Children's Hospital Medical Center
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF
; TITLE OF INVENTION: MICRO-RNA SAMPLES
; FILE REFERENCE: CHM02 GNO57
; CURRENT APPLICATION NUMBER: US/11/331,589
; PRIOR FILING DATE: 2006-01-13
; PRIOR APPLICATION NUMBER: 60/467,972
; PRIOR FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: PCT/US2004/022997
; PRIOR FILING DATE: 2004-07-16
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer Oligonucleotide
US-11-331-589-7
```

```
Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db      24 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 14
US-11-327-821-6/c
; Sequence 6, Application US/11327821
; Publication No. US20060218671A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Kimberly
; APPLICANT: Harris, Paul
; APPLICANT: Lopez de Leon, Alfredo
; APPLICANT: Merino, Sandra
; TITLE OF INVENTION: Polypeptides Having Cellulohydrolase Activity And
; TITLE OF INVENTION: Polynucleotides Encoding Same
; FILE REFERENCE: 10748.200-US
; CURRENT APPLICATION NUMBER: US/11/327,821
; PRIOR FILING DATE: 2006-01-06
; PRIOR APPLICATION NUMBER: 60/642,274
; PRIOR FILING DATE: 2005-01-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 6
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Aspergillus nidulans
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (24)-(24)
; OTHER INFORMATION: V=A, C, G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (25)-(25)
; OTHER INFORMATION: N=A, C, G, T
US-11-327-821-6
```

```
Query Match          0.8%; Score 23.2; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 18;
Matches 23; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2708 TAAAAAAAAAAAAAAAAAAAAA 2731
Db      24 BAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 15
US-11-201-339-6/c
; Sequence 6, Application US/11201339
; Publication No. US20060188893A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Adarzu, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/11/201,339
; PRIOR FILING DATE: 2005-08-10
; PRIOR APPLICATION NUMBER: US/10/335,573
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: Synthetic construct
US-11-201-339-6
```

```
Query Match          0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db      22 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 16
US-11-197-219-49
; Sequence 49, Application US/11197219
; Publication No. US20060121450A1
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; APPLICANT: Avidiotics Corp.
; APPLICANT: Jeffrey, Miller F.
; APPLICANT: Doulatov, Sergei
; APPLICANT: Hodges, Asher
; APPLICANT: Xu, Min
; APPLICANT: Gingery, Mari
; APPLICANT: Martin, David
; TITLE OF INVENTION: Site Specific System For Generating Diversity Protein Sequences
; FILE REFERENCE: 02307K-149210US
; CURRENT APPLICATION NUMBER: US/11/197,219
; CURRENT FILING DATE: 2005-08-03
```

```

; PRIOR APPLICATION NUMBER: US 60/598,617
; PRIOR FILING DATE: 2004-08-03
; NUMBER OF SEQ ID NOS: 103
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Bordetella bacteriophage
US-11-197-219-49

```

```

Query Match          0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
DB 1 AAAAAAAAAAAAAAAAAAAAAA 22

```

```

RESULT 17
US-11-214-436-5/C
; Sequence 5, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
;   TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
;   TITLE OF INVENTION: (MRNAs) IN EUKARYOTIC ORGANISMS
;   FILE REFERENCE: 65446-87
;   CURRENT APPLICATION NUMBER: US/11/214,436
;   CURRENT FILING DATE: 2005-08-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO 5
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: This is a synthesized sequence.
US-11-214-436-5

```

```

Query Match          0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 24;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
DB 25 AACCCAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 18
US-11-214-436-2/C
; Sequence 2, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
;   TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
;   TITLE OF INVENTION: (MRNAs) IN EUKARYOTIC ORGANISMS
;   FILE REFERENCE: 65446-87
;   CURRENT APPLICATION NUMBER: US/11/214,436
;   CURRENT FILING DATE: 2005-08-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO 2
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:

```

```

; OTHER INFORMATION: This is a synthesized sequence.
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (23)..(25)
; OTHER INFORMATION: n may be selected from a or c or g or t.
US-11-214-436-2

```

```

Query Match          0.8%; Score 21.2; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 27;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
DB 22 BAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 19
US-11-301-360-912/C
; Sequence 912, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
;   APPLICANT: Bratzler, Robert L.
;   APPLICANT: Petersen, Deanna W.
;   APPLICANT: Foucon, Yves
;   TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
;   TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
;   FILE REFERENCE: C1037,70013US02
;   CURRENT APPLICATION NUMBER: US/11/301,360
;   CURRENT FILING DATE: 2005-12-09
;   PRIOR APPLICATION NUMBER: US 09/776,479
;   PRIOR FILING DATE: 2001-02-02
;   PRIOR APPLICATION NUMBER: US 60/179,991
;   PRIOR FILING DATE: 2000-02-03
;   NUMBER OF SEQ ID NOS: 1093
;   SOFTWARE: FastSeq for Windows Version 3.0
;   SEQ ID NO 912
;   LENGTH: 21
;   TYPE: DNA
;   ORGANISM: Artificial sequence
;   FEATURE:
;   OTHER INFORMATION: Synthetic sequence
US-11-301-360-912

```

```

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 20
US-11-214-436-3/C
; Sequence 3, Application US/11214436
; Publication No. US20060105362A1
; GENERAL INFORMATION:
;   Attorney File No. 65446-280
;   APPLICANT: Kane, Michael D.
;   APPLICANT: Nagel, Aaron C.
;   APPLICANT: Domkowski, Alan A.
;   TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
;   TITLE OF INVENTION: (MRNAs) IN EUKARYOTIC ORGANISMS
;   FILE REFERENCE: 65446-87
;   CURRENT APPLICATION NUMBER: US/11/214,436
;   CURRENT FILING DATE: 2005-08-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO 3
;   LENGTH: 24
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:

```

OTHER INFORMATION: This is a synthesized sequence.

US-11-214-436-3

Query Match 0.8%; Score 21; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728

DB 21 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 21

US-11-214-436-4
Sequence 4, Application US/11214436
Publication No. US20060105362A1
GENERAL INFORMATION:
Attorney File No. 65446-280 EV 130836112US
APPLICANT: Kane, Michael D.
APPLICANT: Nagel, Aaron C.
APPLICANT: Dombkowski, Alan A.
TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
FILE REFERENCE: 65446-87
CURRENT APPLICATION NUMBER: US/11/214,436
CURRENT FILING DATE: 2005-08-29
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: This is a synthesized sequence.

US-11-214-436-4

Query Match 0.8%; Score 21; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728

DB 4 TAAAAAAAAAAAAAAAAAAAAA 24

RESULT 22

US-10-473-173-498/c
Sequence 498, Application US/10473173
Publication No. US20060088823A1
GENERAL INFORMATION:
APPLICANT: VAN ANDEL, INSTITUTE
TITLE OF INVENTION: Microarray Gene Expression Profiling in Clear Cell Renal Cell
FILE REFERENCE: 36345-170094
CURRENT APPLICATION NUMBER: US/10/473,173
CURRENT FILING DATE: 2003-09-29
PRIOR APPLICATION NUMBER: US 60/279,411
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 498
SOFTWARE: PatentIn version 3.2
SEQ ID NO 498
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (22)..(22)
OTHER INFORMATION: n can be a, c, g or t
US-10-473-173-498

Query Match 0.7%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 29;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728

DB 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 23

US-10-547-771-11/c
Sequence 11, Application US/10547771
Publication No. US20060205933A1
GENERAL INFORMATION:
APPLICANT: Tawfik, Dan S.
APPLICANT: Aharoni, Amir
APPLICANT: Gaydukov, Leonid
TITLE OF INVENTION: PON POLYPEPTIDES, POLYNUCLEOTIDES ENCODING SAME AND COMPOSITION
TITLE OF INVENTION: AND METHODS UTILIZING SAME
FILE REFERENCE: 30132
CURRENT APPLICATION NUMBER: US/10/547,771
CURRENT FILING DATE: 2005-09-02
NUMBER OF SEQ ID NOS: 87
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Oligo dT
NAME/KEY: misc_feature
LOCATION: (22)..(22)
OTHER INFORMATION: n is a, c, g, or t
US-10-547-771-11

Query Match 0.7%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 29;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728

DB 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 24

US-10-514-349-11
Sequence 11, Application US/10514349
Publication No. US20060105331A1
GENERAL INFORMATION:
APPLICANT: Kamme, Fredrik Carl
APPLICANT: Zhu, Jessica Y.
TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
FILE REFERENCE: ORT1637-US
CURRENT APPLICATION NUMBER: US/10/514,349
CURRENT FILING DATE: 2004-11-12
PRIOR APPLICATION NUMBER: US 60/384,454
PRIOR FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: PCT/US03/17103
PRIOR FILING DATE: 2003-05-30
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Transcription reagent
US-10-514-349-11

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728

DB 21 AAAAAAAAAAAAAAAAAAAAAA 1

Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 25

US-10-545-604-3
 ; Sequence 3, Application US/10545604
 ; Publication No. US2006021135A1
 ; GENERAL INFORMATION:
 ; APPLICANT: YAMASHITA, Kenichi
 ; APPLICANT: MAEDA, Hideaki
 ; APPLICANT: SHIMIZU, Hajime
 ; APPLICANT: MIYAZAKI, Masaya
 ; APPLICANT: NAKAMURA, Hiroyuki
 ; APPLICANT: YAMAGUCHI, Yoshiko
 ; TITLE OF INVENTION: METHOD AND APPARATUS FOR SEPARATING MOLECULES USING MICRO-CHANNEL
 ; FILE REFERENCE: 2005-1277A/MJ/00774
 ; CURRENT APPLICATION NUMBER: US/10/545,604
 ; PRIOR FILING DATE: 2005-08-16
 ; PRIOR APPLICATION NUMBER: PCT/JP04/01814
 ; PRIOR FILING DATE: 2004-02-18
 ; NUMBER OF SEQ ID NOS: 6
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 3
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-545-604-3

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 27;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 26

US-11-053-733A-2/c
 ; Sequence 2, Application US/11053733A
 ; Publication No. US20060178509A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kalakota, Reddy S
 ; TITLE OF INVENTION: Phosphoramide Activator for Oligonucleotide Synthesis
 ; FILE REFERENCE: H0008499-4734
 ; CURRENT APPLICATION NUMBER: US/11/053,733A
 ; CURRENT FILING DATE: 2005-02-08
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PatentIn version 3.3
 ; SEQ ID NO 2
 ; LENGTH: 20
 ; TYPE: RNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: RNA 20-mer
 US-11-053-733A-2

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 27;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 27

US-11-248-241-1
 ; Sequence 1, Application US/11248241
 ; Publication No. US20060105366A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shinichi HIROSHIMA
 ; APPLICANT: Hiroshi TAKIGUCHI

; APPLICANT: Hiroshi FUKUSHIMA
 ; APPLICANT: Shinobu YOKOKAWA
 ; TITLE OF INVENTION: Specific Base Sequence Detection Method and Primer
 ; TITLE OF INVENTION: Extension Reaction Detection Method
 ; FILE REFERENCE: 125119
 ; CURRENT APPLICATION NUMBER: US/11/248,241
 ; CURRENT FILING DATE: 2005-10-13
 ; PRIOR APPLICATION NUMBER: JP 2004-331367
 ; PRIOR FILING DATE: 2004-11-16
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: a probe immobilized on an electrode
 US-11-248-241-1

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 27;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 28

US-11-248-241-2/c
 ; Sequence 2, Application US/11248241
 ; Publication No. US20060105366A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shinichi HIROSHIMA
 ; APPLICANT: Hiroshi TAKIGUCHI
 ; APPLICANT: Shinobu YOKOKAWA
 ; APPLICANT: Hiroshi FUKUSHIMA
 ; TITLE OF INVENTION: Specific Base Sequence Detection Method and Primer
 ; TITLE OF INVENTION: Extension Reaction Detection Method
 ; FILE REFERENCE: 125119
 ; CURRENT APPLICATION NUMBER: US/11/248,241
 ; CURRENT FILING DATE: 2005-10-13
 ; PRIOR APPLICATION NUMBER: JP 2004-331367
 ; PRIOR FILING DATE: 2004-11-16
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: a probe immobilized on an electrode
 US-11-248-241-2

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 27;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 29

US-11-224-573-158
 ; Sequence 158, Application US/11224573
 ; Publication No. US20060134660A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Quinlan, et al.
 ; TITLE OF INVENTION: Alien Sequences
 ; FILE REFERENCE: 2003320-0046
 ; CURRENT APPLICATION NUMBER: US/11/224,573
 ; CURRENT FILING DATE: 2005-09-12


```
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Anti-allen in spike control concept. Sequences of alien genes
; OTHER INFORMATION: designed by linking four 70mer alien sequences together.
US-11-224-573-158
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 30
US-11-224-573-163
; Sequence 163, Application US/11224573
; Publication No. US20060134660A1
; GENERAL INFORMATION:
; APPLICANT: Quinlan, et al.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0046
; CURRENT APPLICATION NUMBER: US/11/224,573
; CURRENT FILING DATE: 2005-09-12
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Anti-allen in spike control concept. Sequences of alien genes
; OTHER INFORMATION: designed by linking four 70mer alien sequences together.
US-11-224-573-163
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 31
US-11-254-920-11
; Sequence 11, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIYIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A20 oligomer
```

```
; FEATURE:
; NAME/KEY: misc structure
; LOCATION: (1)-(20)
; OTHER INFORMATION: Phosphorothioate linkages
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)...(0)
; OTHER INFORMATION: FITC label
US-11-254-920-11
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 32
US-11-254-920-14/C
; Sequence 14, Application US/11254920
; Publication No. US20060135458A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIYIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 0999266-0000
; CURRENT APPLICATION NUMBER: US/11/254,920
; CURRENT FILING DATE: 2005-10-20
; PRIOR APPLICATION NUMBER: US 10/969,812
; PRIOR FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US 60/668,983
; PRIOR FILING DATE: 2005-04-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: T20 oligomer
; FEATURE:
; NAME/KEY: misc structure
; LOCATION: (1)...(20)
; OTHER INFORMATION: Phosphorothioate linkages
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (20)...(0)
; OTHER INFORMATION: FITC label
US-11-254-920-14
```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 33
US-11-301-360-226/C
; Sequence 226, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
```

```
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 226
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-226

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 34
US-11-301-360-556/C
/ Sequence 556, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 556
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-556

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAA 1

RESULT 35
US-11-301-360-560
/ Sequence 560, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT APPLICATION NUMBER: US/11/301,360
/ CURRENT FILING DATE: 2005-12-09
```

```
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 560
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-560

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 36
US-11-301-360-60/C
/ Sequence 60, Application US/11301360
/ Publication No. US20060154890A1
/ GENERAL INFORMATION:
/ APPLICANT: Bratzler, Robert L.
/ APPLICANT: Petersen, Deanna M.
/ APPLICANT: Fournon, Yves
/ TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
/ TREATMENT OF ASTHMA AND ALLERGY
/ FILE REFERENCE: C1037.70013US02
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 09/776,479
/ PRIOR FILING DATE: 2001-02-02
/ PRIOR APPLICATION NUMBER: US 60/179,991
/ PRIOR FILING DATE: 2000-02-03
/ NUMBER OF SEQ ID NOS: 1093
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 60
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-301-360-60

Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 39;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAACAAAAA 1

RESULT 37
US-11-298-850-53
/ Sequence 53, Application US/11298850
/ Publication No. US2006021730A1
/ GENERAL INFORMATION:
/ APPLICANT: Hartmann, Gunther
/ APPLICANT: de Fougereilles, Antonin
/ APPLICANT: Hornung, Veit
/ APPLICANT: Endres, Stefan
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INDUCING AN
/ IMMUNE RESPONSE IN A MAMMAL AND METHODS OF AVOIDING AN
/ IMMUNE RESPONSE TO OLIGONUCLEOTIDE AGENTS SUCH AS SHORT
/ FILE REFERENCE: 14174-100001
```

```
/ CURRENT APPLICATION NUMBER: US/11/298,850
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 60/634,849
/ PRIOR FILING DATE: 2004-12-09
/ NUMBER OF SEQ ID NOS: 89
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 53
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-298-850-53

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      1 AAAAAAAAAAAAAAAAAA 19

RESULT 38
US-11-298-850-54/c
/ Sequence 54, Application US/11298850
/ Publication No. US2006021730A1
/ GENERAL INFORMATION:
/ APPLICANT: Hartmann, Gunther
/ APPLICANT: de Fougereolles, Antonin
/ APPLICANT: Endres, Stefan
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INDUCING AN
/ TITLE OF INVENTION: IMMUNE RESPONSE IN A MAMMAL AND METHODS OF AVOIDING AN
/ TITLE OF INVENTION: IMMUNE RESPONSE TO OLIGONUCLEOTIDE AGENTS SUCH AS SHORT
/ FILE REFERENCE: 14174-100001
/ CURRENT APPLICATION NUMBER: US/11/298,850
/ CURRENT FILING DATE: 2005-12-09
/ PRIOR APPLICATION NUMBER: US 60/634,849
/ PRIOR FILING DATE: 2004-12-09
/ NUMBER OF SEQ ID NOS: 89
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 54
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-298-850-54

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 39
US-11-224-573-153
/ Sequence 153, Application US/11224573
/ Publication No. US2006013460A1
/ GENERAL INFORMATION:
/ APPLICANT: Quinlan, et al.
/ TITLE OF INVENTION: Alien Sequences
/ FILE REFERENCE: 2003320-0046
/ CURRENT APPLICATION NUMBER: US/11/224,573
/ CURRENT FILING DATE: 2005-09-12
/ NUMBER OF SEQ ID NOS: 163
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 153
```

```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Anti-alien in spike control concept. Sequences of alien genes
US-11-224-573-153

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      1 AAAAAAAAAAAAAAAAAA 19

RESULT 40
US-11-217-936-3874
/ Sequence 3874, Application US/11217936
/ Publication No. US20060148743A1
/ GENERAL INFORMATION:
/ APPLICANT: Jadhav, Vasant
/ APPLICANT: Carroll, Joseph
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
/ TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 05-727 (400/271)
/ CURRENT APPLICATION NUMBER: US/11/217,936
/ CURRENT FILING DATE: 2005-09-01
/ NUMBER OF SEQ ID NOS: 5036
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 3874
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-11-217-936-3874

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 31;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAA 2726
Db      1 TAAAAAAAAAAAAAAAAA 19

RESULT 41
US-11-217-936-3970/c
/ Sequence 3970, Application US/11217936
/ Publication No. US20060148743A1
/ GENERAL INFORMATION:
/ APPLICANT: Jadhav, Vasant
/ APPLICANT: Carroll, Joseph
/ APPLICANT: Sirna Therapeutics, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
/ TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
/ FILE REFERENCE: 05-727 (400/271)
/ CURRENT APPLICATION NUMBER: US/11/217,936
/ CURRENT FILING DATE: 2005-09-01
/ NUMBER OF SEQ ID NOS: 5036
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 3970
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-11-217-936-3970
```

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2726
19 TAAAAAAAAAAAAAAAAA 1

RESULT 42
US-11-217-936-4807
; Sequence 4807, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4807
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4807

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
1 AAAAAAAAAAAAAAAAAA 19

RESULT 43
US-11-217-936-4904/C
; Sequence 4904, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4904
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4904

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
1 AAAAAAAAAAAAAAAAAA 19

Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 44
US-11-043-842-219
; Sequence 219, Application US/11043842
; Publication No. US20060183131A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1004
; CURRENT APPLICATION NUMBER: US/11/043,842
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1028
; SEQ ID NO 219
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-043-842-219

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2726
2 TAAAAAAAAAAAAAAAAA 20

RESULT 45
US-11-301-360-61/C
; Sequence 61, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ASTHMA AND ALLERGY
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; CURRENT FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-61

Query Match 0.7%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2730
22 AAAAAACAACAAAAA 1

RESULT 46
US-11-241-596-259/C
; Sequence 259, Application US/11241596
; Publication No. US20060134786A1
; GENERAL INFORMATION:

```
; APPLICANT: Feldmann, Kenneth A.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL
; FILE REFERENCE: 2750-2191PUS2
; CURRENT APPLICATION NUMBER: US/11/241,596
; PRIOR FILING DATE: 2005-09-30
; PRIOR APPLICATION NUMBER: 60/615,081
; NUMBER OF SEQ ID NOS: 259
; SEQ ID NO 259
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligo(dtv)18 primer
US-11-241-596-259

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 37;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAA 2726
Db      19 BAAAAAAAAAAAAAAAAA 1

RESULT 47
US-11-269-347A-29/c
; Sequence 29, Application US/11269347A
; Publication No. US20060142233A1
; GENERAL INFORMATION:
; APPLICANT: Li, Ting-Kai
; APPLICANT: Carr, Lucinda G.
; APPLICANT: Ellison, Julie A.
; APPLICANT: Chang, Hwai Wen
; APPLICANT: Lo, David D.
; TITLE OF INVENTION: Gene Expression and Genetic Changes Implicated in Alcoholism
; FILE REFERENCE: NEU-109.P.1.1
; CURRENT APPLICATION NUMBER: US/11/269,347A
; CURRENT FILING DATE: 2005-11-08
; PRIOR APPLICATION NUMBER: 60/626,362
; PRIOR FILING DATE: 2004-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-11-269-347A-29

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 37;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAA 2726
Db      19 BAAAAAAAAAAAAAAAAA 1

RESULT 48
US-10-514-349-8/c
; Sequence 8, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
```

```
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-8

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2726
Db      18 AAAAAAAAAAAAAAAAAA 1

RESULT 49
US-11-181-693-7/c
; Sequence 7, Application US/1181693
; Publication No. US20060199176A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Yean-Ching
; APPLICANT: Lai, Szu-Chia
; APPLICANT: Yeh, Chia-Tseui
; APPLICANT: Chong, Pele Choi Sing
; APPLICANT: Liu, Shih-Jen
; TITLE OF INVENTION: CORONAVIRUS S PEPTIDES
; FILE REFERENCE: 12563-033001
; CURRENT APPLICATION NUMBER: US/11/181,693
; CURRENT FILING DATE: 2005-07-14
; PRIOR APPLICATION NUMBER: US 60/588,087
; PRIOR FILING DATE: 2004-07-15
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-11-181-693-7

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2726
Db      18 AAAAAAAAAAAAAAAAAA 1

RESULT 50
US-11-211-917-144/c
; Sequence 144, Application US/11211917
; Publication No. US20060093600A1
; GENERAL INFORMATION:
; APPLICANT: BEDIAN, VAHE
; APPLICANT: GLADUE, RONALD P.
; APPLICANT: CORVALAN, JOSE
; APPLICANT: JIA, XIAO-CHI
; APPLICANT: FENG, XIAO
; TITLE OF INVENTION: ANTIBODIES TO CD40
; FILE REFERENCE: ABX-PP/3 US
; CURRENT APPLICATION NUMBER: US/11/211,917
; CURRENT FILING DATE: 2005-08-25
; PRIOR APPLICATION NUMBER: US/10/292,088
; PRIOR FILING DATE: 2002-11-08
```

```
; PRIOR APPLICATION NUMBER: 60/348,980
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-11-211-917-144
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 51
US-11-301-360-913/c
; Sequence 913, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-913
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 52
US-11-301-360-939/c
; Sequence 939, Application US/11301360
; Publication No. US20060154890A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; FILE REFERENCE: C1037.70013US02
; CURRENT APPLICATION NUMBER: US/11/301,360
; PRIOR FILING DATE: 2005-12-09
; PRIOR APPLICATION NUMBER: US 09/776,479
; PRIOR FILING DATE: 2001-02-02
```

```
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-11-301-360-939
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 53
US-11-102-097-111/c
; Sequence 111, Application US/1102097
; Publication No. US20060160759A1
; GENERAL INFORMATION:
; APPLICANT: Chen, et al.
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0621
; CURRENT APPLICATION NUMBER: US/11/102,097
; PRIOR FILING DATE: 2005-04-08
; NUMBER OF SEQ ID NOS: 2926
; SOFTWARE: PatentIn Version 3.2
; SEQ ID NO 111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: mRNA
US-11-102-097-111
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
DB      18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 54
US-10-881-580-117/c
; Sequence 117, Application US/10881580
; Publication No. US2006014225A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-
; FILE REFERENCE: 400/194 (MBH804-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
```

```

; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 117
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-117
```

```
Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
Db      19 AAAAAAAAAAAAAAAAAA 2
```

```
RESULT 55
US-10-881-580-245
; Sequence 245, Application US/10881580
; Publication No. US20060142225A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/194 (MEH04-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-245
```

```
Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAAAAAA 2726
Db      1 AAAAAAAAAAAAAAAAAA 18
```

```
RESULT 56
US-11-217-936-452
; Sequence 452, Application US/11217936
; Publication No. US20060148743A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-452
```

```
Query Match      0.6%; Score 17.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 43;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2707 CTAATAAAAAAAAAAAAAA 2725
Db      1 CUCGAAAAAAAAAAAAAAAA 19
```

```
RESULT 57
US-11-217-936-562/C
; Sequence 562, Application US/11217936
; Publication No. US20060148743A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 562
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-562
```

```
Query Match      0.6%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 43;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2707 CTAATAAAAAAAAAAAAAA 2725
Db      1 CUCGAAAAAAAAAAAAAAAA 19
```

Db 19 CTGAAAAAAAAAAAAA 1

```
RESULT 58
US-10-691-012-4
; Sequence 4, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-4
```

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 46;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

```
RESULT 59
US-10-514-349-7/c
; Sequence 7, Application US/10514349
; Publication No. US2006010531A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: CRT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-7
```

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 60
US-11-255-139A-6897/c

```
; Sequence 6897, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6897
```

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2535 GGCCTTGCTCCTCAGCCA 2551
Db 17 GGCCTTGCTCCTCAGCCA 1

```
RESULT 61
US-11-241-990A-1/c
; Sequence 1, Application US/11241990A
; Publication No. US20060177840A1
; GENERAL INFORMATION:
; APPLICANT: University of Ottawa
; APPLICANT: Northwestern University
; TITLE OF INVENTION: METHODS FOR SEPARATION OF POLYMERIC COMPOUNDS
; FILE REFERENCE: S8127-A
; CURRENT APPLICATION NUMBER: US/11/241,990A
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 60/615,600
; PRIOR FILING DATE: 2004-10-05
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: 120-dithiol, produced by chemical synthesis
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: n = t with 5'-thiol linker with 6-carbon spacer
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: n = internal fluorescein-dT base
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: n = t with 3'-thiol linker with 3 carbon spacer
US-11-241-990A-1
```

Query Match 0.6%; Score 17; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 19 AAAAAAAAAAAAAAAAAA 2

RESULT 62
US-10-525-116-831


```
; Sequence 831, Application US/10525116
; Publication No. US20060122133a1
; GENERAL INFORMATION:
; APPLICANT: Weinstein, Edward J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF CO-REGULATED CHEMOKINE-1 EXPRESSION
; FILE REFERENCE: 01055/1/US
; CURRENT APPLICATION NUMBER: US/10/525,116
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: PCT US2003/025891
; PRIOR FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: 60/404,484
; PRIOR FILING DATE: 2002-08-19
; NUMBER OF SEQ ID NOS: 1107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 831
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human VCC-1 antisense
US-10-525-116-831

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 52;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      944 GTGAATTGTTAAATATTTA 963
Db      1 GTGACATTGTTAAATATTTA 20

RESULT 63
US-11-366-965-4512/C
; Sequence 4512, Application US/11366965
; Publication No. US20060234260a1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Remy
; APPLICANT: Holsseth, Susan K.
; APPLICANT: Zagursky, Robert John
; APPLICANT: Metcalf, Benjamin J.
; APPLICANT: Peek, Joel A.
; APPLICANT: Sankaran, Banumathi
; APPLICANT: Fletcher, Leah Diane
; TITLE OF INVENTION: CHLAMYDIA TRACHOMATIS POLYNUCLEOTIDES AND VECTORS, RECOMBINANT HC
; FILE REFERENCE: GEN-1109X
; CURRENT APPLICATION NUMBER: US/11/366,965
; PRIOR FILING DATE: 2006-03-02
; PRIOR APPLICATION NUMBER: US/09/201,228
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/107,077
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: FR 97-16034
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: FR 97-15041
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 5982
; SOFTWARE: PasteSeq for Windows Version 4.0
; SEQ ID NO 4512
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-11-366-965-4512

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 52;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      2046 CTATGTTGAGAGCTTGC 2065
Db      20 CTGTTGTTGAGAGCTTGC 1
```

```
RESULT 64
US-11-376-033-401/C
; Sequence 401, Application US/11376033
; Publication No. US20060217339a1
; GENERAL INFORMATION:
; APPLICANT: Karraas, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: X-17294
; CURRENT APPLICATION NUMBER: US/11/376,033
; PRIOR FILING DATE: 2006-03-15
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-11-376-033-401

Query Match          0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 55;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      2438 AAGAGCAGGAGCTGCTGA 2457
Db      21 AAGAGCAGCAGATGCTGA 2
```

```
RESULT 65
US-10-424-339-163
; Sequence 163, Application US/10424339
; Publication No. US20060127891a1
; GENERAL INFORMATION:
; APPLICANT: Sigma Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Belgelman, Leonard
; APPLICANT: Uzman, Nassim
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowitra, Bharat
; APPLICANT: Polisky, Barry
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of MAP Kinase Gene
; TITLE OF INVENTION: Expression or Expression of Genes Involved in MAP Kinase Pathwa
; FILE REFERENCE: 400/113 (MBHB03-388)
; CURRENT APPLICATION NUMBER: US/10/424,339
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: PCT/US 03/02510
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: PCT/US 03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US 03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 1714
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 163
```

```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-424-339-163

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 53;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAAAAAA 2725
      : |||||
Db      2 UCAAAAAAAAAAAAAA 19

RESULT 66
US-10-424-339-326/c
; Sequence 326, Application US/10424339
; Publication No. US20060127891A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggan, James
; APPLICANT: Belgelman, Leonid
; APPLICANT: Usman, Naasim
; APPLICANT: Haeblerli, Peter
; APPLICANT: Chowdri, Bharat
; APPLICANT: Polisky, Barry
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of MAP Kinase Gene
; TITLE OF INVENTION: Expression or Expression of Genes Involved in MAP Kinase Pathway
; TITLE OF INVENTION: Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/113 (MBHB03-389)
; CURRENT FILING DATE: US/10/424,339
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: PCT/US 03/02510
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: PCT/US 03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US 03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 1714
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 326
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-424-339-326

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 53;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAAAAAA 2725
      : |||||
Db      18 TCAAAAAAAAAAAAAA 1
```

```
RESULT 67
US-11-360-305-747/c
; Sequence 747, Application US/11360305
; Publication No. US20060234970A1
; GENERAL INFORMATION:
; APPLICANT: JIMENEZ, ANA I.
; APPLICANT: SESTO, ANGELA
; APPLICANT: GASCON, IRENE
; APPLICANT: ROMAN, JOSE P.
; APPLICANT: GONZALEZ DE BUTRAGO, GONZALO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF EYE
; TITLE OF INVENTION: DISORDERS WITH INCREASED INTRACULAR PRESSURE
; FILE REFERENCE: 4853-4001
; CURRENT APPLICATION NUMBER: US/11/360,305
; CURRENT FILING DATE: 2006-02-22
; PRIOR APPLICATION NUMBER: PCT/GB05/050134
; PRIOR FILING DATE: 2005-08-23
; PRIOR APPLICATION NUMBER: GB 0503412.9
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: GB 0418762.1
; PRIOR FILING DATE: 2004-08-23
; NUMBER OF SEQ ID NOS: 1862
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 747
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-360-305-747

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 53;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2210 GGCTCTTGCTGGATGAG 2227
      : |||||
Db      19 GGCTCTTGCTGGATGAG 2

RESULT 68
US-10-514-349-6/c
; Sequence 6, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-6

Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2724
      : |||||
Db      16 AAAAAAAAAAAAAAAAAA 1

RESULT 69
```

```
US-11-255-139A-6333/c
; Sequence 6333, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6333

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 51;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2535 GGCCTTGTCTCAGCC 2550
        |||||||
Db      16  GGCCTTGTCTCAGCC 1

RESULT 70
US-11-255-139A-6896/c
; Sequence 6896, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6896

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 51;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2536 GCGTTGTCTCAGCCA 2551
        |||||||
Db      17  GCGTTGTCTCAGCCA 2

RESULT 71
US-11-217-936-4338
; Sequence 4338, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
```

```
; SEQ ID NO 4338
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4338

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 60;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2727
        |||||||
Db      1  AAAAAAAAAACAAACAA 19

RESULT 72
US-11-217-936-4596/c
; Sequence 4596, Application US/11217936
; Publication No. US20060148743A1
; GENERAL INFORMATION:
; APPLICANT: Jadhav, Vasant
; APPLICANT: Carroll, Joseph
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Histone Deacetylase
; TITLE OF INVENTION: (HDAC) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 05-727 (400/271)
; CURRENT APPLICATION NUMBER: US/11/217,936
; CURRENT FILING DATE: 2005-09-01
; NUMBER OF SEQ ID NOS: 5036
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 4596
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-217-936-4596

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 60;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2727
        |||||||
Db      19  AAAAAAAAAACAAACAA 1

RESULT 73
US-11-255-139A-521/c
; Sequence 521, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-521

Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

OY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAGAA 1

RESULT 74
US-11-255-139A-522/c
; Sequence 522, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 522
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-522

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2708 TAAAAAAAAAAAAAAAAA 2724
DB 17 TAAAAAAAAAAAAAGAA 1

RESULT 75
US-11-370-584-4910/c
; Sequence 4910, Application US/11370584
; Publication No. US2006017863A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high
; TITLE OF INVENTION: density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/11/370,584
; CURRENT FILING DATE: 2006-03-08
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4910
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; APPLICANT: Sirna Therapeutics, Inc.
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18612 for SEQ 976,
US-11-370-584-4910

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 61;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 701 GCAGAGGAGAGACAGA 717
DB 18 GGAGAGGAGAGACAGA 2

RESULT 76
US-10-881-580-121
; Sequence 121, Application US/10881580
; Publication No. US20060142225A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/194 (MBHB04-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 121
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-121

Query Match 0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 65;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 2704 GACTTAAAAAAAAAAAAA 2720
DB 1 GUGCUAAAAAAAAAAAAA 17

RESULT 77
US-10-881-580-249/c
; Sequence 249, Application US/10881580
; Publication No. US20060142225A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Cyclin Dependent Kinase-2
; TITLE OF INVENTION: (CDK2) Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/194 (MBHB04-525)
; CURRENT APPLICATION NUMBER: US/10/881,580
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: PCT/US03/03662
; PRIOR FILING DATE: 2003-02-06

```
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2003-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 382
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 249
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-881-580-249
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2704 GTACTAAAAA 2720
Db      19 GTGCTAAAAA 3
```

```
RESULT 78
US-11-360-305-746/c
; Sequence 746, Application US/11360305
; Publication No. US2006023970A1
; GENERAL INFORMATION:
; APPLICANT: JIMENEZ, ANA I.
; APPLICANT: GASCON, ANGELO
; APPLICANT: ROMAN, JOSE P.
; APPLICANT: GONZALEZ DE BUITRAGO, GONZALO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TREATMENT OF EYE
; FILE REFERENCE: 4853-4001
; CURRENT APPLICATION NUMBER: US/11/360,305
; CURRENT FILING DATE: 2006-02-22
; PRIOR APPLICATION NUMBER: PCT/GB05/050134
; PRIOR FILING DATE: 2005-08-23
; PRIOR APPLICATION NUMBER: GB 0503412.9
; PRIOR FILING DATE: 2005-02-18
; PRIOR APPLICATION NUMBER: GB 0418762.1
; PRIOR FILING DATE: 2004-08-23
; NUMBER OF SEQ ID NOS: 1862
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 746
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-360-305-746
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2215 CTTGATGATGAGTTT 2231
          |||||
```

```
Db      19 CTTGATGATGAGTTT 3
RESULT 79
US-11-102-097-2518/c
; Sequence 2518, Application US/11102097
; Publication No. US20060160759A1
; GENERAL INFORMATION:
; APPLICANT: Chen, et al.
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0621
; CURRENT APPLICATION NUMBER: US/11/102,097
; CURRENT FILING DATE: 2005-04-08
; NUMBER OF SEQ ID NOS: 2926
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2518
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequences of functional target portions for RNAi to inhibit
US-11-102-097-2518
```

```
Query Match      0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1673 TTTGATGATCAGGTTT 1689
Db      17 TTTGATATATCAGGTTT 1
```

```
RESULT 80
US-10-514-349-5/c
; Sequence 5, Application US/10514349
; Publication No. US20060105331A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: ORT1637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-5
```

```
Query Match      0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAA 2723
Db      15 AAAAAAAAAA 1
```

```
RESULT 81
US-10-250-492-13/c
; Sequence 13, Application US/10250492
; Publication No. US20060149046A1
; GENERAL INFORMATION:
; APPLICANT: Prologo, LLC
; APPLICANT: ARAR, Khalil
US-10-250-492-13
```

```
; TITLE OF INVENTION: Methods and compositions for the serial synthesis of two or more
; TITLE OF INVENTION: oligonucleotides on the same solid support
; FILE REFERENCE: PRO.10
; CURRENT APPLICATION NUMBER: US/10/250,492
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
; NAME/KEY: misc_feature
; LOCATION: (1)..(15)
US-10-250-492-13
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAA 2723
DB      15 AAAAAAAAAAAAAA 1
```

```
RESULT 82
US-10-691-012-17/c
; Sequence 17, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Edholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-17
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAA 2723
DB      15 AAAAAAAAAAAAAA 1
```

```
RESULT 83
US-10-691-012-18
; Sequence 18, Application US/10691012
; Publication No. US20060160731A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Edholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/691,012
```

```
; CURRENT FILING DATE: 2003-10-22
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-691-012-18
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAA 2723
DB      1 AAAAAAAAAAAAAA 15
```

```
RESULT 84
US-11-242-139-239
; Sequence 239, Application US/11242139
; Publication No. US20060099619A1
; GENERAL INFORMATION:
; APPLICANT: REMACLE, JOSE
; APPLICANT: DU LONGUEVILLE, FRANCOISE
; APPLICANT: HAMELS, SANDRIE
; TITLE OF INVENTION: DETECTION AND QUANTIFICATION OF MIRNA ON MICRO-ARRAYS
; FILE REFERENCE: 035642-0107
; CURRENT APPLICATION NUMBER: US/11/242,139
; CURRENT FILING DATE: 2005-10-04
; PRIOR APPLICATION NUMBER: 10/637,656
; PRIOR FILING DATE: 2003-08-11
; NUMBER OF SEQ ID NOS: 239
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 239
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-11-242-139-239
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2709 AAAAAAAAAAAAAA 2723
DB      1 AAAAAAAAAAAAAA 15
```

```
RESULT 85
US-11-327-199-2
; Sequence 2, Application US/11327199
; Publication No. US20060228725A1
; GENERAL INFORMATION:
; APPLICANT: Salatsky, Joshua S.
; APPLICANT: Biodesy LLC
; TITLE OF INVENTION: Method Using a Nonlinear Optical Technique for
; TITLE OF INVENTION: Detection of Interactions Involving a Conformational
; TITLE OF INVENTION: Change
; FILE REFERENCE: 026053-001931US
; CURRENT APPLICATION NUMBER: US/11/327,199
; CURRENT FILING DATE: 2006-01-05
; PRIOR APPLICATION NUMBER: US 60/351,879
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/354,668
; PRIOR FILING DATE: 2002-02-06
```

```
; PRIOR APPLICATION NUMBER: US 60/354,679
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/362,003
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 10/164,915
; PRIOR FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: molecular beacon analogue hybridization target 2
US-11-327-199-2

Query Match      0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2723
Db      2 AAAAAAAAAAAAAA 16

RESULT 86
US-11-255-139A-523/c
; Sequence 523, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (460/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-523

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAA 2722
Db      16 TAAAAAAAAAAAAA 2

RESULT 87
US-11-255-139A-524/c
; Sequence 524, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (460/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

```
US-11-255-139A-524

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAA 2722
Db      15 TAAAAAAAAAAAAA 1

RESULT 88
US-10-469-938A-12
; Sequence 12, Application US/10469938A
; Publication No. US20060105329A1
; GENERAL INFORMATION:
; APPLICANT: Ajinomoto Co., Inc.
; TITLE OF INVENTION: Gene Panel for Genes Involving Liver Regeneration
; FILE REFERENCE: B868AYOP1331
; CURRENT APPLICATION NUMBER: US/10/469,938A
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: JP 2001-070940
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-469-938A-12

Query Match      0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 69;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2363 AAGGTCACGCTGGGCAAG 2380
Db      1 ATGGGTAGGCTGGGCAAG 18
```

```
RESULT 89
US-11-370-584-10231/c
; Sequence 10231, Application US/11370584
; Publication No. US20060177863A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high
; TITLE OF INVENTION: density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/11/370,584
; CURRENT FILING DATE: 2006-03-08
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10231
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
```

```

; OTHER INFORMATION: downstream amplification primer 99-10632 for SEQ 2366,
; OTHER INFORMATION: in complement
US-11-370-584-10231

Query Match          0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 69;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1024 GGGGCGACGAGGACAAA 1041
          |||||
          18 GGGGCATAGGACAAA 1

Db
RESULT 90.
US-11-255-139A-520/c
; Sequence 520, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-520

Query Match          0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 70;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2724
          |||||
          17 AAAAAAAAAAAAAA 2

Db
RESULT 91
US-10-514-349-4/c
; Sequence 4, Application US/10514349
; Publication No. US2006010531A1
; GENERAL INFORMATION:
; APPLICANT: Kamme, Fredrik Carl
; APPLICANT: Zhu, Jessica Y.
; TITLE OF INVENTION: METHODS FOR IMPROVING RNA TRANSCRIPTION REACTIONS
; FILE REFERENCE: OR11637-US
; CURRENT APPLICATION NUMBER: US/10/514,349
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: US 60/384,454
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/US03/17103
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Transcription reagent
US-10-514-349-4

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2722
          |||||
          14 AAAAAAAAAAAAAA 2

Db
RESULT 92
US-10-763-088-11
; Sequence 11, Application US/10763088
; Publication No. US20060172308A1
; GENERAL INFORMATION:
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: RABANI, ELAZAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; TITLE OF INVENTION: PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; TITLE OF INVENTION: ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/763,088
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: US/10/096,075
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-763-088-11

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2722
          |||||
          14 AAAAAAAAAAAAAA 14

Db
RESULT 93
US-11-255-139A-525/c
; Sequence 525, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-525

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2708 TAAAAAAAAAAAAA 2721
          |||||
          14 TAAAAAAAAAAAAA 1

Db
RESULT 94
US-11-255-139A-4886/c
; Sequence 4886, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James

```



```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4886
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-4886

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2535 GGCCCTGTCTCAG 2548
DB      14 GGCCCTGTCTCAG 1

RESULT 95
US-11-255-139A-6895/c
; Sequence 6895, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6895
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-6895

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 76;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2538 CTTGTCTCAGCCA 2551
DB      17 CTTGTCTCAGCCA 4

RESULT 96
US-11-378-356-26/c
; Sequence 26, Application US/11378356
; Publication No. US20060205000A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMA SA
; APPLICANT: BLANCHER, Francis
; APPLICANT: CAMERON, Beatrice
; TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED
; FILE REFERENCE: 03806.0546
; CURRENT APPLICATION NUMBER: US/11/378,356
; CURRENT FILING DATE: 2006-03-20
; PRIOR APPLICATION NUMBER: US/10/104,025
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US 60/285,272
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: FR 01/03953
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
```

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-11-378-356-26

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      703 AGAGAGAGACAGAG 719
DB      17 AGAGAGAGAGAGAG 1

RESULT 97
US-11-255-139A-487/c
; Sequence 487, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 487
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-487

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      711 AACAGAGAGAACCTT 727
DB      17 AACAGAGAGAACCTT 1

RESULT 98
US-11-255-139A-517/c
; Sequence 517, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 517
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-517

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2725
DB      17 AAAAAAAAAAGATTA 1
```

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RESULT 99
US-11-255-139A-518/C
; Sequence 518, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 518
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-518

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAAGATA 1

RESULT 100
US-11-255-139A-519/C
; Sequence 519, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 519
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-519

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAAGATA 1

RESULT 101
US-11-255-139A-5064/C
; Sequence 5064, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
```

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; SEQ ID NO 5064
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-5064

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 79;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1927 AATTCAGGTGACTCTC 1943
Db      17 AATCAGGTGCTCTC 1

RESULT 102
US-11-255-139A-7019
; Sequence 7019, Application US/11255139A
; Publication No. US20060154271A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/11/255,139A
; CURRENT FILING DATE: 2005-10-20
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-255-139A-7019

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 79;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY      2439 AGAAGCAGAGCTGCTG 2455
Db      1 AGAAGAGAGAGCTCTG 17

RESULT 103
US-11-368-233-3
; Sequence 3, Application US/11368233
; Publication No. US20060205040A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; TITLE OF INVENTION: COMPOSITIONS FOR USE IN IDENTIFICATION OF ADVENTITIOUS VIRUSES
; FILE REFERENCE: DIBIS-0085US1 (10774)
; CURRENT APPLICATION NUMBER: US/11/368,233
; CURRENT FILING DATE: 2006-03-03
; PRIOR APPLICATION NUMBER: 60/658,248
; PRIOR FILING DATE: 2005-03-03
; PRIOR APPLICATION NUMBER: 60/705,631
; PRIOR FILING DATE: 2005-08-03
; PRIOR APPLICATION NUMBER: 60/732,539
; PRIOR FILING DATE: 2005-11-01
; PRIOR APPLICATION NUMBER: 60/740,617
; PRIOR FILING DATE: 2005-11-28
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-11-368-233-3

Query Match      0.5%; Score 13.4; DB 1; Length 15;
```

Best Local Similarity 93.3%; Pred. No. 75;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 545 TAACCAAGCTTTAG 559

Db 1 TAACCAAGCTTTAG 15

RESULT 104

US-11-301-360-1083
Sequence 1083, Application US/11301360
Publication No. US20060154890A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
TREATMENT OF ASTHMA AND ALLERGY

FILE REFERENCE: C1037.70013US02
CURRENT APPLICATION NUMBER: US/11/301,360

CURRENT FILING DATE: 2005-12-09
PRIOR APPLICATION NUMBER: US 09/776,479

PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1083

LENGTH: 15

TYPE: DNA
ORGANISM: Artificial sequence

FEATURE:
OTHER INFORMATION: Synthetic sequence

US-11-301-360-1083

Query Match 0.5%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 75;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2260 TCCTGAAGGGAAGT 2274

Db 1 TCCTGAAGGGAAGT 15

RESULT 105

US-11-327-199-3
Sequence 3, Application US/11327199
Publication No. US20060228725A1

GENERAL INFORMATION:

APPLICANT: Salafsky, Joshua S.
APPLICANT: Biodesy LLC

TITLE OF INVENTION: Method Using a Nonlinear Optical Technique for
Detection of Interactions Involving a Conformational

CHANGE
FILE REFERENCE: 026053-001931US
CURRENT APPLICATION NUMBER: US/11/327,199

CURRENT FILING DATE: 2006-01-05
PRIOR APPLICATION NUMBER: US 60/351,879

PRIOR FILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: US 60/354,668

PRIOR FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: US 60/354,679

PRIOR FILING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: US 60/362,003

PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 10/164,915

PRIOR FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 6

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3

LENGTH: 16

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-11-327-199-3
OTHER INFORMATION: molecular beacon analogue hybridization target 3

Query Match 0.5%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 80;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAA 2723

Db 2 AAAAAAAAAAAAAA 16

Search completed: November 7, 2006, 10:34:20
Job time : 5 secs

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